

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: jproc@bellglobal.com
Subject: 1P37 Tube
Message-ID: <Chameleon.4.01.2.961127220955.jproc@>

Dear BA'ers,

The 1P37 tube has found a new home. Thanks to everyone who responded.

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
Radio Restoration Volunteer
HMCS Haida Naval Museum
Toronto, Ontario

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: Nina West <ninaw@u.washington.edu>
Subject: 7818 Tube, What is it?
Message-ID: <Pine.A41.3.95b.961128063111.23976A-100000@dante24.u.washington.edu>

I picked up this tube at the Puget Sound Antique Radio Association Swap.
I think that it is a photomultiplier, but perhaps someone can fill me in
on the details and what its probable application was.
It is 6 inches tall with a large (2.25" diam) 14 pin base and a thick
flat glass top (3" diam) that is smoky brown. The base says 7818 CBS
Laboratories.

Any ideas?

Thanks,

Fred Powell
c/o
ninaw@u.washington.edu

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: Mike Flicinski <k2uxe@ibm.net>
Subject: 8873 Thermal Link (AKA Eimac SK1920)

Message-ID: <329D010A.1172@ibm.net>

With the frequent mention of the 8873 in the last few weeks I would like to say again that I am still in need of the beryllium block thermal link for a Heath SB-230.

The last time I posted this request I got many many notes of caution on handling the broken thermal link in the unit here. I have obviously heeded all those warnings so please, well intentioned, don't send me additional warnings.

Will someone (besides Eimac at \$70) just please sell me a thermal link?

Thanks,

Mike K2UXE
k2uxe@ibm.net

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: A QSO with NA4G
Message-ID: <19961128.043832.4407.5.k7yha@juno.com>

Gang:

My first 80 meter QSO with my new callsign was done with Boatanchor Bob, NA4G. We swapped 599 reports about 0345Z on 3579 kc. Bob was runnin "Big Bertha" while I was a little more conservative, using my SX-117/HT-44 combo. I remember my first QSO as KN7YHA 33 years ago with my elmer, George Comstoc, W7CJ. That was on 80 meters, too.

I will always remember this QSO with one of the premier Boatanchorites, NA4G. Tnx Bob. You really made my day!

73 es Happy Thanksgiving to all.

rich K7SZ

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: Another Computer to trade
Message-ID: <1.5.4.16.19961128120103.2a971114@ms1.nwla.com>

For Boatanchors that is!!

This is a good one fella's

freind of mine will let me get in this right, and I will TRADE it for a 75A4. Or, an appropriate sum of cash. I am also looking for a Valiant I or II, or maybe a Johnson 500.

the computer is:

75MHZ pentium with 32 MB ram, 1.2GB and 250MG hard drives, 1.44 flop, sound card and speakers, 4 speed CD Rom, tape backup, internal 28.8 modem, keyboard and mouse. This beast lives in a mini-tower case.

Let me know

Ronnie - W5SUM ex-WB5AIA
"born to boatanchor"

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: Joe Eide <jeide@eau.net>
Subject: Re: AR-88 family of receivers
Message-ID: <329CF560.7DDD@eau.net>

Mike Sullivan wrote:

>
> > What's the differences between AR-88 and CR-88? I ahd a shot
> > at the latter at a recent fest but let it get away.

> >mknudsen@lucent.com wrote:

There is no difference, that I am aware of, between the AR-88 and CR-88
> other than place of manufacture. The CR-88 is a canadian manufacture
> (under license to RCA)

I know that the CR-88 had a gray front panel instead of the black frt panel on the AR-88. (There may be variations) Also the CR-88 had an extra control for xtal phasing. Instead of two larger knobs for the AF and RF gain, the CR-88 had three smaller knobs grouped together for AF, RF and xtal phasing.

I don't believe that the "C" in CR-88 meant Canadian. I know that at least some CR-88s were made in Camden, NJ. I believe that AR-88s were made in Camden, NJ; Montreal, Canada; Chicago, IL; and Bloomington, IN.

My opinions come from AR-88 and CR-88 manuals I have seen and

also from a very interesting article in ER#15.

I love my backbreaking AR-88D with matching speaker. I hope someday that I will be lucky enough to find an original s-meter.

Have fun! .. Joe - KB9R

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: Re: AR-88 family of receivers
Message-ID: <Pine.OSF.3.93.961127191820.12473A-100000@govonca2.gov.on.ca>

And to even confuse matters more:

The CR-91A is grey, has the front xtal phasing control, no front panel diversity, and is LF from .075 - .2 and .2 - .55, then the normal (I think) 1.5 - 30 on the bands 3 to 6. So no AM BC band (oh well, got that on other ordinary and other tube recvrs anyhow).

Remember: Just before Boat Anchor in the Yellow Pages you'll find Back Ache (Clinics).

Brien
Toronto
VE3VAW
pepperb@gov.on.ca

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: "D. Campbell" <dcampbel@lon.hookup.net>
Subject: AR-88 Matching Speaker
Message-ID: <1.5.4.16.19961127202606.1a5f63b0@mail.lon.hookup.net>

Much has been said about my favorite boatanchor lately!!
Joe-KB9R mentioned he has a matching speaker for his.
I didn't know there was such an animal.
Anyone have one they would to sell? Love to have it.

Dave Campbell
VE3ZZY
dcampbel@lon.hookup.net

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
Subject: Re: AR-88 Matching Speaker
Message-ID: <Pine.A32.3.91.961127225850.27587A-100000@ppdu.nrl.navy.mil>

According to my copy of the manual for the AR-88LF (C.A.P. 63-17) dated 1943, the receiver came with an optional vibrator power supply (Type C-5, Ref. No. 10D/6566) and an optional loudspeaker (Type C-1, Ref. No. 10A/9676). The July 1944 manual for the CR-91 receiver (Part No. 17091A) states that the loudspeaker was not supplied with the receiver but had to be ordered separately as RCA part number MI-8303D. Again a vibrator supply (MI-8319) could be obtained to operate the receiver.

The article entitled "AR-88: A Classic in Radio Design" by Sam Thompson (W6H DU) lists the following models and variations for the AR-88:

AR-88 and AR-88D: Dates 1941-1945, 0.535 to 32 MHz, 455 kHz IF
AR-88LF: 0.073 to 0.550 MHz, 1.48 to 30.5 MHz, 735 kHz IF
DR-89 (3 AR-88's in diversity)
CRV-46246B (Navy AR-88)
RDM-1 (Navy DR-89)
CR-88: Dates 1946..., 0.535 to 32 MHz, 0.455 kHz IF, addition of crystal phasing on front panel, some have carrier level meters
CR-88A: Later CR-88, some have tuning meter
CR-91, CR-91A: Same front panel as CR-88, AR-88LF frequencies
SC-88: CR-88 with single band use display
R-320/FRC: Signal Corps designation for SC-88
OA-58A/FRC: (3 R-320/FRC's in diversity)
CR-88B: Last version of AR-88 around 1951 to 1954

Good British References:

W.K. Miller (G6QF), "Getting the utmost from the AR88", Short Wave Magazine, Vol. XI, pp. 79-84, April 1953.
D.M. Gill (4S7MG), "Getting the most from your AR88", The Short Wave Magazine, Vol XVI, pp. 288-297, August 1958.
H. Leeming (G3LLL), "Servicing the AR88", Short Wave Magazine, Vol. XXXII, pp. 461-463 (October) and, pp. 524-526 (November), 1965.
H. Leeming (G3LLL), "Buying and Renovating the AR88", Short Wave Magazine, date?
John Wells, "Rebuilding an AR-88D", Radio Bygones, date?

I received xerox copies of these articles from a kind BA member back in August when I brought my AR-88 back from England. I will mail copies to anyone who sends a self-addressed 9"x12" envelope (with \$2 worth of postage stamps stuck to the upper right corner) to:

Paul Bernhardt, KF4FOR

5704 Ridge View Dr.
Alexandria, VA 22310

Best Wishes on Turkey Day,
Paul Bernhardt

On Wed, 27 Nov 1996, D. Campbell wrote:

> Much has been said about my favorite boatanchor lately!!
> Joe-KB9R mentioned he has a matching speaker for his.
> I didn't know there was such an animal.
> Anyone have one they would to sell? Love to have it.
>
>
> Dave Campbell
> VE3ZZY
> dcampbel@lon.hookup.net
>
>

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: arc5@ix.netcom.com (David Stinson)
Subject: B-17 Liason Radio
Message-ID: <199611281944.LAA19958@dfw-ix7.ix.netcom.com>

This is multipart MIME message.

--asjjactksjvxdjvpjmsajthswygjwb
Content-Type: text/plain; charset=US-ASCII; name="NCZ202D.TMP"

Hi Barry.
This is a test to see which way I can send you illustrations.
Here is a .jpg of my SCR-287 (BC-375 / BC-348).
I've gotten the 375 shock mounts since this was taken.
Let me know if this works. If not, I'll try something else.
73 DE Dave Stinson AB5S

--asjjactksjvxdjvpjmsajthswygjwb
Content-Type: application/octet-stream; name="b17radio.jpg"
Content-Transfer-Encoding: base64

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[illegible]

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--asjjactksjvxdjvpjmsajthswygjwb--

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996

From: "Ray L. Mote" <rmote@rain.org>

Subject: BA Time Capsule? (& MIL-W-22759?)

Message-ID: <Pine.SUN.3.95.961127191851.18067A-1000000@coyote.rain.org>

Went to Apex Electronics again today, out on San Fernando Road in Sun Valley (Los Angeles area). Typical old-time surplus dealer "gone to seed", now selling just parts & used test eqpt. One set of super-tall shelving collapsed against the west wall in a long-ago quake and has been untouched for the most part since then. Looked into one "hole" in the line of shelving where a bunch of stuff was thrown and saw a couple boxes with the familiar "NC" logo on 'em. On curiosity, opened one up and found five 0.1 uF 200V tubular jobs in the cardboard tube with wax all over 'em. Not too useful, but definitely *old*. Looked around and saw what appeared to be boxes of the metal-case tubulars with glass end

seals. Must have been the capacitor storage area, methinks. Also saw a few dynamotors on the shelf built into the wall, but didn't feel like climbing the mountain of junk to get to it. Wonder what *else* is buried in there in the way of "treasures"?!! (BTW, the National caps were spares for the RA0-7, according to the labeling on the boxes.) If you're in the L.A. area, it's certainly worth a trip to see the place.

At the time, I was buying silver-plated Teflon-insulated wire by the pound. Anybody got the slash sheets for MIL-W-22759? I need the "/3" and "/11" info, especially the max voltage rating & temp. The "/3" appears to be a double wrap of 1 mil or so Teflon over fiberglass braid.

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA ex-W6RIC

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: "michael ferraro" <ferraro@ix.netcom.com>
Subject: Re: BA Time Capsule? (& MIL-W-22759?)
Message-ID: <199611280718.XAA00857@dfw-ix9.ix.netcom.com>

Ray: thanks for the Apex report.....its sad that another "Surplus Dealer" is going bye bye.....this one is particularly sad for me.....as a young boy of 12 years old I use to work there !!!!...newly licensed as kn6zsr, I was paid on fridays by the owner named Henry.....I was paid in radios !!! he would say ..ok michael you can pick out a radio from that area !! and i did !!!!...brand new Arc 5's Arc 4's and scr 522's you name it I had it !!! md7 modulators etc etc etc.... It was called Henry's then and when old man Henry passed away, his son, the current owner, took it over and renamed it Apex.

Many fond memories.....i use to ride over san fernando road on by bike.....an on the weekends right next door there use to be a roller skating area where me and my friends use to hang out after our paper route jobs were over !!!!!... yes indeed 1957 was a good year !

73's de k6zsr "mike in montecito"

> Date: Wednesday, November 27, 1996 7:34 PM

>

> Went to Apex Electronics again today, out on San Fernando Road in Sun Valley (Los Angeles area). Typical old-time surplus dealer "gone to seed", now selling just parts & used test eqpt.

> 73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA ex-W6RIC
>
>

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: Morris Odell <morriso@vifp.monash.edu.au>
Subject: Bottles in NYC
Message-ID: <329E0281.3DF0@vifp.monash.edu.au>

Hi all,

A friend of mine is going to be in New York/New Jersey next month and is looking for somewhere to buy a few tubes for his HiFi. This guy is a good "bloke" and definitely NOT a golden ear person. I would appreciate any information I could relay him to help find a few spares. (The fact that he's offered to look for a few things for me has nothing to do with it :-))

Thanks guys, I'm sure the resources of this list will be equal to the task.

73

Morris VK3DOC

Morris Odell Victorian Institute of Forensic Medicine
Forensic Physician 57-83 Kavanagh St, Southbank 3006
morriso@vifp.monash.edu.au Victoria, Australia
Web page: <http://www.vifp.monash.edu.au/CFM/staff/mo.html>

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: Tom Norris <badger@telalink.net>
Subject: Continuing R390A Restoration Saga - Limiter Problem
Message-ID: <3.0.1.32.19961127143047.006a6390@telalink.net>

The work my new R390A gotten this past weekend is coming along despite lack of a manual (in the mail) Some problem founds and in the process of being repaired are several gear clamps (in the mail as well), and a problem with the limiter. I need help with this problem: with the limiter switched on, the audio immediatly sounds as if I had ran the audio though a rectifier, or some such. Adjusting the Limiter pot makes no change. The tube (5814) checks good, and swaps with known good tubes do nothing to solve the problem. Any hints on

what to check next?

Hopefully my depot manual and gear clamps will be in Friday or so - am
realllllll looking forward to re-aligning that rack assembly..... (Hah!)

BTW, there is a guy in Massachusetts that is parting out a bunch of
R390s and 390As. He is advertising in ER this month I think. You guys
looking for parts might give him a call. His name is George Rancort
and he can be reached at (413) 527-4304. Prices are less than Fair Radio.

Tom Norris KA4RKT
badger@telalink.net Nashville, Tennessee, USA

Eagles may soar, free and proud, but weasels never get sucked into jet
engines.

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: radionostalgia@serv2.fwi.com (Jack C. Shutt)
Subject: DX-35 Manual
Message-ID: <199611281335.IAA17328@serv2.fwi.com>

Hello Anchor Fans:

Does anyone have a manual for the Heathkit DX-35?
Would be happy to pay for copy and postage.

Thanks and 73,
Jack, N9GT

Jack C. Shutt, N9GT
radionostalgia@mail.fwi.com
(219)493-3901

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: "Jim Berry" <basalop@eskimo.com>
Subject: DX-40 part needed ...
Message-ID: <199611281241.EAA05741@mail.eskimo.com>

Hello Everyone,

Tmw I plan to stuff enough lots of turkey and other goodies and

become one of those statistics. I hope you have the same planned.

Some time back I posted a note on here mentioning that I had a DX-40 that did not have the original plate choke in it. A fella dropped me note mentioning he had one and it was mine for shipping. I have lost total track of who that was etc etc. I "he" reads my note, please get back to me again. I am very interested.

73 Jim K7SLI

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)
Email: basalop@eskimo.com FAX: 360-659-1360
Ham Digital: K7SLI @ K7SLI.#NWWA.WA.USA.NA
Snail Mail: 5318 142nd PL NE Marysville, Wa 98271

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: "Scott Alfter" <salfter@accessnv.com>
Subject: Re: Fair Radio WWW page
Message-ID: <199611282153.NAA09481@kitfox.anv.net>

Nick England <nick@cs.unc.edu> wrote:

> Somebody has got to help Fair Radio set up a really good WWW site.
> Does anyone have a type font that looks like a Dymo Labelwriter ????

On the Swfte Typecase 2001 CD, there is a font called Punch Label that looks like what you'd get out of a label maker. It'd be perfect for what you're thinking of doing...but like any display font, you'd have to use a relatively large size to get the necessary detail.

I don't know if the CD is still on the market (I got mine back when Win95 had just been released; Best Buy sold it for about \$2 with the purchase of Win95), but if you can find it, it shouldn't be all that expensive.

Combine it with a mechanical-typewriter-like font (such as Detective, which is also on the CD) and pictures that are all done in one color and Fair Radio should be able to closely mimic the appearance of their printed catalog on their website.

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(IIGS(Scott Alfter (salfter@accessnv.com)
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From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: FS, More books by Marcus, Beitman, Rider, etc.
Message-ID: <A4484ZWPBRXR7F*/R=OUVAXA/R=A1/U=POST/@MHS>

The server is a little flaky here so will try this message again.
Need to make room on my book shelves. Selling duplicate and excess books.
Add enough shipping to prices, either UPS or book rate US Postal Service,
your choice. Excess UPS or USPS shipping refunded.

Kloeffer and Horrell--- Basic Electronics--, 1949, Wiley
Good book for learning tube electronics. In the chapter on crystal and
metallic rectifiers, even has a couple of pages on Shockley's, et. al., new
(July 1948) invention, the TRANSfer resISTOR, complete with picture.
Hardcover, 400+ pages, good external condition and complete but has several
loose pages, has penciled answers and notes, some underlining of concepts.
\$5

---Allied Electronics 1971 Industrial Catalog--
Includes 27 pages of capacitors, 11 pages of receiving and special purpose
tubes. Also plugs, connectors, transformers, pilot lamps, Shure and
Electrovoice mikes, test equipment by Eico, Simpson, Triplet, RCA, Sencore
and many pages of other components and parts. In other words the good
stuff. Good condition. Is this worth \$5 to anyone?

Leo G. Sands,---Easy Way to Service Radio Receivers,--1968, Tab Books
Covers both tube and transistor radio repair stage by stage
Hardcover, excellent condition, \$6

Riders Index for Perpetual Troubleshooter's Manuals, 1938
This index covers radio Volumes I to IX, nice vintage radio ads in this
also. Good condition, softcover, \$10

MN Beitman --- Most Often Needed Schematics, TELEVISION
Three volumes. The 1953 and 1954 are in good plus condition.
The 1952 is in poor condition (no covers, and the front lower corner
scorched by an errant soldering iron, evidence left on the first 30 or so
pages. Doesn't hurt the usefulness much, though. No, I did not do this
:-) . Saw somebody on rec.tradio asking \$20 for one of these, the '54. How
about all three for \$8? (Caution-- high priced and untested ;-)

Marcus and Horton (Marcus and Marcus, editorship of Horton)
--- Elements of Radio-- 1943, Prentice Hall (first edition)
A classic. Great intro to radio and electronics of the tube era.
"Prepared at the request of the War Dept....in conformance with official

pre-induction training outline No. 201"

Hardcover, 699 pages, Fair, is complete but worn and has scotch tape repair on 2 pages. \$6

Marcus and Horton (Marcus and Marcus, editorship of Horton)

---Elements of Radio-- 1948, Prentice Hall, Second edition

A classic, second edition of above. Great intro to radio and electronics of the tube era. Hardcover, Good minus (shows damage on top quarter inch of spine) \$7

Markus (John Markus, Associate editor of Electronics magazine)

---Television and Radio Repairing,-- 1953, first edition,

A good intro to radio repair with a thorough discussion of the various components and how they fail, some TV repair info also.

Hardcover, 555 pages, Good minus, \$5

ARRL, ---The Radio Amateur's VHF manual--, 1972 Third edition, 352 pages

Plenty of tube circuits

Softcover, Complete but fair plus. Covers have seen bench time and show wear. \$4

Joe Carr K4IPV --- Antenna Data Reference Manual, Including Dimension

Tables-- Tab books1979

hardbound, excellent \$4.

Reed, Wagner, and Corcoran

---Electrical Communication Experiments--, 1952, Wiley, 400+ pages

Experiments with real tube circuits. Covers things such as Twin-T impedance measurement, audio bridges, the Wheatstone bridge, the GR 650A impedance bridge, parallel and series resonance, load lines, RF measurements, etc.

Hardbound, excellent, Should be well worth \$8

Normally, first e-mail in gets the item, but a tie or near tie goes to "dem I owe". Preference will be to ship more than one book to an address as it cuts down shipping and boxing time. (Also cheaper per book because of savings on shipping.) Be generous in your shipping estimate from zip 45701 as excess will be refunded. UPS is a good method for shipping to closer zones.

73, Rich KB8TAD <rpost1@ohiou.edu>

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996

From: KB9VU@aol.com

Subject: FS: Halli R-42
Message-ID: <961127205730_1616729369@emout20.mail.aol.com>

R-42 speaker. Good condition. Original. \$75

CONTACT CHUCK RIPPEL with e-mail at: cripple@exis.net or call his number shown in the November ER.

Please do not contact me.

Mike - KB9VU

Standard disclaimers apply.....

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: KB9VU@aol.com
Subject: FS: Halli R-42
Message-ID: <961127232220_1151662069@emout10.mail.aol.com>

-- CORRECTED E-MAIL ADDRESS-- Sorry about that guys!

R-42 speaker. Good condition. Original. \$75

CONTACT CHUCK RIPPEL with e-mail at: crippel@exis.net or call his number shown in the November ER.

Please do not contact me.

Mike - KB9VU

Standard disclaimers apply.....

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: "William C. Robbins" <billrobb@net-link.net>
Subject: FS: Manuals
Message-ID: <199611281726.MAA01145@serv01.net-link.net>

Well, its time to make room and clear out several duplicates. I know that some of you have sent me messages requesting some of these manuals. My hard drive went down a while ago and I have lost all the requests. I apologize.

All prices are SHIPPED.

MISC

Heath IM-1104 Pictorials and schematic only. \$2
 Gonset Comm IV Manual Copy (2 MTR); Comm 111 Copy; Comm IV Original. \$12
 Hallicrafters SX-101 Copy, poor condx. \$7
 RME-6900 Professional Copy. \$12
 8 older CB Manuls and literature. \$12.

HEATHKIT

AA-10	Basic Audio Amp	\$7
B-1	Bawl Coil	5
DX-20 (copy)	Amateur Transmitter	10
DX-40 (rough)	Amateur Transmitter	10
DX-100 (rough)	Transmitter	12
DX-100 (copy)	Transmitter	12
GW-12 (Specs)	CB	3
GR-24	Portable Radio	7
HA-10	Warrior Amp	10
HD-15	Phone Patch	10
HD-16	Code Osc.	5
HD-1234	Coax Switch	5
HD-1418	Active Aud. Filter	10
HD-1424	Active Antenna	10
HD-1481	Remote Coax Switch	10
HD-1982	Micoder Mic	7
HD-3006	Crossfire	7
HM-102	RF Power Meter	7
HN-31	Cantenna Dummy Load	5
HP-13A	Trans. DC Power Supply	5
HP-23B	AC Power Supply	12
HW-29A	6 Meter Lunchbox	12
HW-30 (copy)	2 Meter Lunchbox	7
HW-32A (copy)	20 Meter Monobander	10
HWA-202-1	AC Power Supply	7
HX-10 (rough)	Marauder Xmtr	17
PM-1 (copy)	Power Meter	3
RX-1 (prof copy)	Mohawk Receiv.	17
RX-1	Mohawk Receiv.	17
SA-2550	Antenna Matcher	12
SA-5010	umatic Keyer	12
SB-104	Transceiver (Operat.)	12
SB-200	Linear Amp (Pro Copy)	17
SB-220	Linear Amp (Condensed)	7
SB-300	Receiver	17
SB-600	Speaker	5
SB-610	Monitor Scope (Copy)	10
SBA-300-3	6 meter converter	5
SBA-300-4	2 meter converter	5

TX-1 Apache (condensed copy) 5

DON'T FORGET...ALL PRICES ARE SHIPPED.

Bill

WA8CDU Heathkit Collector

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: Randyc3@aol.com
Subject: FS:24v Power Supplies
Message-ID: <961127221705_706312751@emout10.mail.aol.com>

Have old military stuff to power?
I have 2 PowerOne 24v 2.4a regulated supplies, open chassis type, new in boxes with docs. They are compact and seem to be well built. I havent fired them up. Don't need anymore. Make a reasonable offer plus shipping and they are yours.

73s
Randy

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: CADV16@aol.com
Subject: Fwd: Not Receiving Listings
Message-ID: <961128090120_1453500850@emout04.mail.aol.com>

Forwarded message:
Subj: Not Receiving Listings
From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: Happpy Thanksgiving!
Message-ID: <1.5.4.16.19961128113627.264ffdd4@ms1.nwla.com>

>From Louisiana..

I feel as if I have made some really great friends, here amongst all the boatanchor crowd. And since today is a day of thanksgiving, I shall give thanks for that too.. and pray that all of you enjoy a wonderful holiday..

now, one of you find me a valiant, or valiant II !!!!

Ronnie - W5SUM

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: Bill Coleman WF2A <wf2awdc@ibm.net>
Subject: Happy Thanksgiving & THANKS!
Message-ID: <BMSMTP8492137870wf2awdc@pop03.ny.us.ibm.net>

A big thanks to all who helped & encouraged my SP600 rebuild.

IT WORKS!!!!!!!!!!!!

A few days ago I finished re-capping the RF strip, spent a couple evenings ohming and eyeballing things. Yesterday installed it. Of course there's a bug... looks like one of the 1K resistors feeding the HFO plate is open - and I measured every one.

Quick solution: outboard things out of the T1 area over to a lead slipped onto the 6C4 plate pin. IT WORKS IT WORKS.

I had previously recapped the main chassis & worked the major bugs out of the IF and audio strips. Can't tell y'all the excitement of bringing this beauty back to the beginnings of a new life - but many of you know how it feels.

Looks like I get to yank the RF strip again... wish me luck.

Again, thanks to all & have a great holiday!

Bill Coleman (WF2A)

Email: wf2a@ibm.net

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: "Gary H. Harmon, Jr." <gharmon@txdirect.net>
Subject: Heathkit Wants
Message-ID: <199611281940.NAA07106@legend.txdirect.net>

Happy Turkey Day Fellow Boat Anchor Folks!

Wanted: Manual for MR-11 Mariner receiver

Manual for Sixer
Manual for CB Lunchbox

Ten Meter Lunchbox and manual

Please let me know if you can help. Thanks in advance.

73,
gary

```
*****
*T00 many projects, NOT enough time!!*
*                                     *
*   Gary H. Harmon, Jr., K5JWK       *
*   6302 Robin Forest               *
*   San Antonio, TX 78239-3218      *
*   (210) 657-1549                  *
*   gharmon@txdirect.net            *
*                                     *
* Pack Unto Others As You Would Have *
*   Them Pack Unto You              *
*****
```

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: PACOBOY1@aol.com
Subject: Help:Premeir Metal Works
Message-ID: <961128152904_1553572646@emout03.mail.aol.com>

Hello

Does anyone have the address/phone # for
Premeir Metal Works? Trying to find a housing
for my bare Collins 516-F2 P.S.

Thanks
Ed
WB2WHQ

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: Tom Norris <badger@telalink.net>
Subject: Info Needed on Panadaptor IP-805/GRC
Message-ID: <3.0.1.32.19961128101830.006874d4@telalink.net>

Along with my R390a and GRR-5's I picked up this past weekend,
also brought home a panoramic adaptor, an IP-805/GRC. The unit

seems to work, albeit with a 21.4 IF. Any one have any info on this little beast? Manual? Schematic?

Thanks, and hope all have a happy Thanksgiving holiday.

Tom Norris KA4RKT

badger@telalink.net Nashville, Tennessee, USA

Eagles may soar, free and proud, but weasels never get sucked into jet engines.

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996

From: Robert Nickels <ranickel@mwci.net>

Subject: Johnson cabinets needed

Message-ID: <329E58EA.105A@mwci.net>

Hi All,

If you've decided to build your Ranger and Valiant into the wall of your shack like those cool old Heath TV sets, I can help you get rid of those old maroon cabinets. I'm in need of a Ranger-size cabinet for the little Courier amp and one of the larger ones that were used on the 500, Valiant, and Pacemaker.

Any help will be appreciated. And to think I helped haul my buddy's Valiant parts radio all over the midwest this summer before he finally sold it!

Thanks and 73,

Bob W9RAN

ranickel@mwci.net

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996

From: "Lawrence R. Ware" <lrware@pipeline.com>

Subject: Larry's third day of Christmas givaway -or- Stuff for Free

Message-ID: <1.5.4.16.19961128100614.2a0f465a@pop.pipeline.com>

Good morning firebottle fans:

As today kicks off the retailers "official" start of the Christmas season, (Happy Thanksgiving Everyone! :-) it's time for:

"Larry's Third Day of Christmas Free Stuff Giveway."

Part three of a 12 part giveaway between now and Christmas.

Its amazing what some people will do to keep from throwing junk (errrr, *Great Stuff*) away.

So without further ado...

Today for your perusal, the following items are available free to good BA homes. You get to pay the shipping.

Lot One:

One copy of the "World Radio TV Handbook" 16th edition, 1962.
Lots of great old BA ad copy + the standard 1962 trasmitter listings.
This is a must have for those of you traveling back in time to collect BA's. :-) Without it how you going to know what year you reached?

Lot Two:

One ea. HP 606A enclosure, this fits any 19" rack mount BA that is about the size of my 606A, (moved to one of my racks recently) 10.5-11" tall, 19" across, not quite deep enough for an R390A. Has front bezel, one piece top, bottom and sides, and the back. Kinda beat, needs paint, but quite usable.
I'd prefer P/U (Orlando area) on this one, but if you really want to pay the packing and shipping we can work that out.

Thats going to do it for now, Keep your eyes open for parts four to twelve as we march towards the Christmas season...
<yikes! already?>

For the benefit of the new guys on BA, (the oldtimer BA folks have seen these a bunch of times) here are the rules:

Winners will be determined by:

- 1) Tell me why you need/want them, points awarded for:
 - a) Repairing or building a firebottle rig.
 - b) Needing them to complete a collection.
 - c) Buying for someone your "Elmer-ing"
 - d) For old manuals/documents owning the radio or whatever.
 - e) *Making up an outrageous story of what you will use them for. :-)

* For item "d" the taller and more unbelievable the better...

Storys about UFO's, Zoning Nazis, Newark, or space alien Zoning Nazis being tossed from towers in Newark are good for extra points.

- 2) Bonus points to anyone who has sent me a manual, helped me find a part, or provided advice, (good or bad, it's the effort that counts. :-) or sold me something at a reasonable price.

Winners will be determined any darn way I feel like.

Judges decision is final. (Although open to bribes :-)
I'm always looking for display dud transmitter tubes...

Enjoy
-Larry Ware

Larry's Home for Wayward Test Equipment & Old Radios (tm)
Let your equipment retire in sunny central Florida.
Intensive Care, Private Bench Space, Frequent Use,
Factory trained HP, Tek. & Fluke Surgeon on staff.
Good Home Guaranteed or double your junk back!
lrware@pipeline.com, - Orlando, Florida -

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: Ray Dennis <rayden@netins.net>
Subject: Looking for FT-243 40 meter CW crystals
Message-ID: <329DA134.4E4@netins.net>

I have a couple boatanchors I would like to run crystal controlled an am
looking for some 40 meter cw crystals. somewhere near 7040khz would be
great.

Please send E-mail with frequencies and price.

Thanks.

Ray W0DQ

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: john <johnmb@pop.mindspring.com>
Subject: Lysco Transmaster question?
Message-ID: <199611281940.TAA114818@mule0.mindspring.com>

Happy T(ransmitter) Day, one and all...

I'm de-modding a Lysco Transmaster 500, that has a single 807 for
a final.. there is only about 400 v on the plate, which seems low, and
I'm getting abuot 18w out...which also seems conservative for
the wonderous 807 (this being on 75M).

Did/does anyone have one of these on the air, and know what
they were capable of?

It sure is easy to check the plate voltage, what with the uninsulated

jumper that runs OUTSIDE of the chassis thru some feedthrus!

Surely pre-product liability days!

Many thanks
/John

```
+-----+
|John Brewer johnmb@mindspring.com
|WB50AU/4                AMI #24
|
|Vintage Gear web page: http://www.mindspring.com/~johnmb
+-----+
```

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: "Bill Richarz" <wricharz@transprt.com>
Subject: MD-7 Modulator Chassis
Message-ID: <19961127232951.00d0757c.in@transprt.com>

Anyone out there have an ARC-5 MD-7 Modulator chassis? Not sure if any of this stuff is around anymore. Wanting to build a modulator with 1625's. It's the modulation transformer I'm most interested in.

Thanks & 73 de Bill, WA4VAF

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: MICROPHONICS
Message-ID: <9611271900.aa24090@pcusa01.ecunet.org>

I've found a slightly diff kind of tube 'microphonics' prob.

True microphonics happens when internal structure of tube sings at one or more mechanical freqs, said part also able to modulate the sig being amplified. It can have a sort of 'springy' sound.

Also found prob of noise originating in the tube socket that mimics tube microphonics. E.g. 6EH5 audio output tube in Drake R-4*. Cure is tube pin straightener, shots of DeOxit onto pins & into socket, usually works.

-John Sehring (11/26/96 6:39 pm MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: "WILLIAM R. MEARA" <74537.1100@CompuServe.COM>
Subject: Misc. BA topics
Message-ID: <961128003631_74537.1100_EHH100-1@CompuServe.COM>

Marconistas! I'm logging on from my parents house in Rockland County New York, just north of the Jersey state line. I'm using the laptop I bought for 40 dollars at a hamfest in Maryland. The thing is so old it almost qualifies as a Boatanchor (not quite - no tubes!).

Does anyone have any suggestions regarding BA haunts around here? Another BA item: History Channel is running Reilly - King of Spies (or something like that). Last night our hero asked the British Embassy's code clerk to decode a German message. Real morse was playing in the background. Sounded like numeric groups. Good fist.

[D

I hear that the AM community will be having some form or annual on the air reunion this weekend. No transmitter here but I'll be listening in. Happy Thanksgiving to all. Next week, I'll be reading the list from Tegucigalpa Honduras. The following week I'll be in Santo Domingo.

I'm glad I bought the laptop!

73 Bill N2CQR

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: Don Reaves <dr@cei.net>
Subject: Navy GP-7
Message-ID: <Pine.LNX.3.91.961128012624.18602A-1000000@kc5jh.reaves.net>

What is a Navy GP-7 transmitter?

Do the tuning units yield any usable parts for homebrewing more modern transmitters or antenna coupling units?

Don Reaves WA5BBS dr@cei.net

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: Don Reaves <dr@cei.net>
Subject: Re: Navy GP-7
Message-ID: <Pine.LNX.3.91.961128155221.19253A-1000000@kc5jh.reaves.net>

I wrote,

> What is a Navy GP-7 transmitter?

>

> Do the tuning units yield any usable parts for homebrewing more modern
> transmitters or antenna coupling units?

and got taken to task for my question! :-)

I should have been more specific. What is the power range and tube lineup of the GP-7? I don't personally want to destroy the tuning units, just trying to gauge how desirable they are to homebrewers, so that I might offer a bit more to keep them intact. Seller seems to lack any knowledge of them. Are they worth \$25?

Don

WA5BBS

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996

From: km1h@juno.com

Subject: NC-173 Questions, etc

Message-ID: <19961128.001632.9231.19.km1h@juno.com>

Wow..I didnt think anyone read my comments...now Ive a ton of responses. I'll try and be general with any of the NC or for that matter any radio of its day. Please resend to me any specific questions. I also tend to ramble on a bit. A 2x4 to the side of the head usually gets me back on track.

First.. ..yes I spent 1963-69 at National but very unfortunately I lost most of my extensive manual collection; personal notes plus actual production line documents in a flood over 10 yrs ago. At that time I couldnt even comprehend the nostalgia and my actual loss.

Next...National had no grab on originality. If you go back into the old manuals it becomes evident that circuit copying was prevalent. Copyright laws did not exist .

If I ever make a positive statement it will be to replace ALL, repeat ALL paper capacitors during a restoration. Otherwise you will be open to years of potential problems. There becomes a time to divide the line between cheap and stupid.

After the capacitors are replaced then you can get into actual repairs,

resistor checking and alignment. I have found over the past 30 years or so that tube replacement is NOT usually required during the early stages....maybe at the end and trying for "the MAX" but most of those Octal and earlier tubes will not be bad. Dont get conned into a massive tube replacement...it really is a CON.

Most of my repair work is with antique auto radios in the 1928 to 1960 era. I do a lot of rebuilds for the major collectors, etc. But there is really very little difference in working on a 1935 Pierce Arrow radio or a similar vintage Ford, Packard, etc. they all put their pants on the same way and Philco built both! Some of my customers are now looking very hard for early Police radios including the 1700Kc stuff one local town wants to put the original Motorala in their 1947 Ford "cruiser". Sounds like a great BA opportunity for someone.

I think that I covered new components (Mylar, Poly, etc) in a prior post but I'll be glad to try and answer any questions. Please try again if I missed you.

27 Nov 1996 16:08:00 -0600 "Freeberg, Scott (STP)"

<qc01870@stp03.guidant.com> writes:

>

>Hi, I have been watching the postings on the National NC-173 in the
>daily

>BA archives. I saw your capacitor post today. I was wondering if you

>

>could give me some advice on "restoration" of the NC-173?

>

>I have one, in nice shape, that I plan on keeping forever and using
>often! It works but signals are kind of weak and there is no tone on
>the

>cw signals (bfo problem I assume). I am not sure where to start.

>

>My plan is to check all the tubes to make sure they are good, and that

>

>the right tubes are in the right spot.

>

>Next I plan to look around the bfo to find out why the cw sounds like
>the

>receivers on AM. Can the receiver alignment be so far off as to cause
>

>this symptom? Or just bad tube/caps/resistors in the BFO?

>

>>From your post it sounds like you prefer to replace the "Black
>Beauty"

>capacitors and any other paper capacitors right at the start of the
>project. Is there a rule of thumb for using disc ceramic vs mylars
>in

>these applications? I have not opened the receiver up yet to see what
>
>caps are in there.
>
>You mention that there are caps inside the IF and BFO cans hmmm. Are
>
>these something that someone can actually get to?
>
>What do you use to check cap leakage?
>
>I suppose for resistors and capacitors, the component and surrounding
>
>circuit must be studied to see if that component can be measured in
>circuit or if it has to have one lead removed.
>
>It sounds like you have seen significant resistor value changes in the
>
>Nationals. What might I expect? I know, its a guess, but would I
>expect
>a couple of resistor to be way off or a bunch of them?
>
>What about alignment. I assume the radios drift out of alignment as
>the
>parts drift. Would there be value in trying to align the radio after
>
>checking out the tubes, to see if that contributes to the bfo problem?
> I
>got a manual with the receiver but I do not recall if alignment
>instructions are in it. If not, where can these be located?
>
>These radios do not have a third wire ground. It would seem prudent
>to
>either put a three wire cord on. What do you think?
>
>I see many references on the list for DEOXIT for cleaning contacts.
>That
>sounds like a must. Is this a spray or a bottle cleaner? I see some
>of
>the fellows use qtips and deoxit to wipe the surfaces. Any advice
>here?
>
>I appreciate any advice you can offer on restoration of my NC-173.
>I
>am so proud to own this radio and I am looking forward to using it on
>cw
>and am.
>
>Thanks, Scott Freeberg WA9WFA

>St. Paul Minnesota
>
>scott.freeberg@guidant.com
>
>
>
>

--VAA22264.849149509/x6.boston.juno.com--

----- End forwarded message -----

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: vancleef@netcom.com (Henry van Cleef)
Subject: Re: NC-173 Questions, etc
Message-ID: <199611281752.KAA07990@netcom16.netcom.com>

As km1h@juno.com discourses

>
>
> First.. ..yes I spent 1963-69 at National but very unfortunately I lost
> most of my extensive manual collection; personal notes plus actual
> production line documents in a flood over 10 yrs ago. At that time I
> couldnt even comprehend the nostalgia and my actual loss.

I imagine that much of what you actually got out of the National
experience lives on in the work you do today.

>
> Next...National had no grab on originality. If you go back into the old
> manuals it becomes evident that circuit copying was prevalent. Copyright
> laws did not exist .

Hey, whoa, wait a minute! Patents and copyright laws most certainly
did exist, and were rigorously enforced. Just about every US radio
built had a license notice indicating that the radios used designs
licenced from RCA and Hazeltine. However, by 1960, many of the
patents for conventional superhet radios had expired. During the
sixties, virtually everything in a conventional single or dual
conversion superhet radio was in public domain.

>From this engineer's perspective, I have made my living knowing when
and what to take right out of the literature as much as when and where
to be innovative. I don't think any design engineer can become
"senior" without having one eye on the shipping dock and the company's
accounts receivable. Using (or adapting) tried, tested, and proven
designs is a way to put a product out on the shipping dock, turn it

into money, and not have to listen to complaints from the field, write a lot of ECO's (engineering change orders), ship out rework kits, and run up warranty costs. If you put a 6BA6 tube between two off-the-shelf 455 Khz. IF's and wire the circuit up to the RCA "typical" parameters in one of the sample circuits shown in Terman's texts and the RCA Receiving Tube Handbook, that is very good engineering, and using a photocopier and scissors and paste is excellent. You are putting a circuit into production that most techs can tweak up without any fancy test fixtures, and that is going to work, work, and keep working forever. So what if the configuration is "1932-new?" Much of good engineering is doing the same thing over and over again. As an engineer, using things that "worked well the last time"----and the time before, and the time before that, and that are so old that they were patented in the thirties and have gone into public domain----frees me up to focus on the parts of the design where there is risk, and where I have to "invent" something.

I think that I have commented many times on the excellence of the Hallicrafters S40 as a paper design. That, by the way, is not my original idea. It was pointed out to me by a seasoned senior engineer forty years ago. If you want to "roll your own" radio, it's a good place to start. Now, of course, you can ask why one would start with what was a pedestrian radio in its execution. One has to consider that Hallicrafters' execution of the design was intended to make money for them at the \$79.95 selling price (1946). Add a separate local oscillator, a VR tube to regulate it's B voltage, and a crystal filter, and use Millen components to build it, and you've got a first class radio. Put that into production, and you would be hard-pressed to make money selling it at \$198.50 in 1946 dollars (the actual selling price of the RME-45, which comes fairly close to being the set described).

I think that accusing a bunch of engineers of "stealing" tried and proven designs---many of which were in National's own HRO of the thirties---isn't really fair to them.

>

> If I ever make a positive statement it will be to replace ALL, repeat ALL
> paper capacitors during a restoration. Otherwise you will be open to
> years of potential problems. There becomes a time to divide the line
> between cheap and stupid.

>From a practical perspective, 100% replacement of tubular caps and molded resistors is probably "the way to go." But in this group you are going to have to contend with "it's a lot of work" and "the set doesn't look original" when you're done. There are some engineering issues in this, particularly when replacing big tubular "firecracker" caps with little mylars, which would install with very long leads if just soldered in between original points. Doing a good job of it

often means finding new ground points for bypass caps, adding some squeal-stopper resistors where the original manufacturer saved money by using bus wire, and so forth. You'll get good results if you are willing to do the work, and know when and how to make ground point changes, etc. You're also on your own with parasitic stability. I'm not sure that all of the readers here are prepared to turn "repair" into a "rebuild" exercise, with possible engineering ramifications. And it certainly doesn't "look original."

I think also that evaluation of the initial condition has to come first. I have here a Pilot AF-860 AM-FM tuner---a fairly hefty box---which has all of it's 1954-era wax paper condensers and molded resistors still in place, and it works just fine. Also, a 1942 Meissner "Deluxe" Signal Shifter that needed one electrolytic (the other two are just fine) and a couple of paper caps, and which will ultimately end up looking original---with new caps installed in old paper cap sleeves. That's a museum quality restoration, and worth considering if you're starting with something that is museum-quality-restorable. There is also the principle of "if it's working, don't fix it."

>

> After the capacitors are replaced then you can get into actual repairs,
> resistor checking and alignment. I have found over the past 30 years or
> so that tube replacement is NOT usually required during the early
> stages....maybe at the end and trying for "the MAX" but most of those
> Octal and earlier tubes will not be bad. Dont get conned into a massive
> tube replacement...it really is a CON.

Retubing based on tube tester indications isn't really a very good way to go. Tube testers were invented to sell tubes. If the heater/filament is OK and there are no element shorts, and the tube is not gassy, put it in the circuit and see if it works. Best "test" is substitution of a "known good tube." About 90% of the tube replacements I do are for ohmmeter-detectable faults (heaters and shorts) and for faults not detectable with a tube tester.

>

--

=====
Hank van Cleef

E-mail vancleef@netcom.com or vancleef@tmn.com
=====

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: bill@skeeter.frco.com (William Hawkins)
Subject: Re: NC-173 Questions, etc
Message-ID: <9611281900.AA28436@skeeter.frco.com>

On this thanksgiving day, I'm thankful that there are people willing to take the time to write informative letters to this list. Hank is one of the best, and that last letter was excellent.

The business of ripping out all of the paper caps never seemed right to me. Sure, I've seen a fine set smoked by its output transformer when the final audio grid blocking cap leaked, and Tek scopes that wouldn't regulate DC supplies because the .01 'speedup' caps leaked. But I wonder if this isn't 'infant mortality' in a part that ought to last forever, if it isn't overheated or soaked in water. By the time a set is 20 or 30 years old, are the paper caps done failing? Maybe the caps have to have voltage across them to count against lifetime. That's true in the case of silver migration, as in those silver mica phase shift network caps.

Regards,
Bill Hawkins

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: w9qje@juno.com (Snaproll Stan)
Subject: Re: NC-173 Questions, etc
Message-ID: <19961128.180042.5255.0.w9qje@juno.com>

On Thu, 28 Nov 1996 11:55:12 -0600 (CST) vancleef@netcom.com (Henry van Cleef) writes:

>issues in this, particularly when replacing big tubular "firecracker"
>caps with little mylars, which would install with very long leads if
>just soldered in between original points. Doing a good job of it
>often means finding new ground points for bypass caps, adding some
>squeal-stopper resistors where the original manufacturer saved money by
>using bus wire, and so forth. You'll get good results if you are

Squeal-stopper resistors? Up to this point I was following everything fairly well but you threw me a curve here. Hank, could you elaborate on the squeal-stopper resistor / bus wire relationship? I've got a 50+ year old receiver I'd like to restore this winter and I'm trying to learn all I can about the finer points of radio restoration.

Thanks,
Stan - W9QJE

w9qje@juno.com

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996

From: provero@connix.com
Subject: New BA-related Web Page
Message-ID: <199611290215.VAA08754@comet.connix.com>

I've put some boatanchor radio pages on my (as yet unfinished) web site.
Trying to go for substance over style, I'm going
to try to get as much information as possible on 3 receivers:

Hammarlund SP-210 LX (actually the SP-200 series and military
equivalents)

RCA SRR-13A (and SRR-11/12/13, MRR-1/2/3, FRR-21/22/23 family)

Collins R-392/URR

To this end I am soliciting any scanned photos/drawings/schematics, text
files, pointers to web resources or even just your experiences and
insight on these radios. Full credit to all contributors.

Check it out at <http://www.connix.com/~provero/>

P.J. "Josh" Rovero	home:	provero@connix.com
Meteorologist	radio:	KK1D
Oceanographer	work:	rovero@sonalysts.com
Curmudgeon-at-Large	web:	http://www.connix.com/~provero/

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: New Call
Message-ID: <19961128.002144.4407.3.k7yha@juno.com>

Gang:

Got a call from Rick Lindquist, N1RL, at ARRL HQ this morning informing
me that my vanity call had arrived. Officially, I am now K7SZ! I will
continue to use the k7yha@juno.com for the near future as my e-mail
address.

Now I actually FEEL like I am a boatanchor....er, make that collect
boatanchors (Sri, Jack....had to mention BAs inorder to escape your
wrath!)

The FCC had released about 1000 more vanity calls last night so if you
are waiting, check out the ARRL web page and do a callsign search. You

might be there!

73 rich K7SZ (FINALLY!)

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: On replacing 'lytics...
Message-ID: <Pine.SUN.3.91.961128183300.2366A-1000000@indy1>

Hi!

This is sort of in re the SR-20 Sky Buddy question, but applies generally.

Sometimes you can find suitable FP-type cans, and this is the best fix. The other quick fix is to leave the cans, and stick new uncanned filters under the chassis.

The trouble with putting replacements under the chassis is that you've left a can or two of semi-caustic goo above the chassis, waiting to drizzle out and make a mess of things. I don't like that, and prefer to yank 'em out.

And here it gets fun: once you do have the cans out, it is possible to slice them open, discard the Dreadful Stuff (wear gloves & eye protection!), hang a new cap inside (they make them smaller now!), and *carefully* tack the can back together with so-called aluminium solder (rather caustic goo in and of itself, so be careful!). Some cans can be uncrimped at the bottom, but usually you have to cut them.

Gettin the innards and potting compound out can be nasty--household ammonia will sometimes work but I have had to resort to Carbo-Chlor, which is a use outdoors, do not inhale, plastic-eating sort of stuff. Still, the end result is a radio that combines original looks with filters that actually filter, so it is worthwhile. (Sort of--if you add up the time spent, Frontier's middlin' high prices start looking awfully good!)

But however folks decide to fix up their radios, leaving dead 'lytic cans aboard is not without risk. They are *unlikely* to leak all over but it could happen, and it'd mean fixing the thing up all over again!

73,
--Bobbi

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: arc5@ix.netcom.com (David Stinson)

Message-ID: <199611281946.LAA03918@dfw-ix11.ix.netcom.com>

00PS...

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996

From: Morris Odell <morriso@vifp.monash.edu.au>

Subject: Radiotron Designers Handbook

Message-ID: <329E0448.5103@vifp.monash.edu.au>

Many of us treasure copies of Langford-Smith's major work, which reached its zenith in the 4th edition of over 1100 pages and was published worldwide. Last night I visited a boatanchor veteran here in Melbourne who had copies of the first and second editions.

I'm sure a lot of you would be amazed to hear what these early editions looked like. The first edition was a 40 page paper covered pamphlet - it wasn't labelled "First edition" as they didn't realize what it would grow into. There is a lovely picture of the AWA (Amalgamated Wireless of Australia) valve factory inside the front cover with a picture of the valve making machinery.

By the time it got to a second edition it had become quite bloated - to 60 pages !!

73

Morris VK3D0C

Morris Odell
Forensic Physician
morriso@vifp.monash.edu.au
Australia

Victorian Institute of Forensic Medicine
57-83 Kavanagh St, Southbank 3006
Victoria,

Web page: <http://www.vifp.monash.edu.au/CFM/staff/mo.html>

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996

From: "William B. Ross" <billross@txdirect.net>
Subject: Re: Receiver with 1750KHz IF?
Message-ID: <329D2FD7.D3C@txdirect.net>

Dennis Gibbs wrote:

>
> Does anyone out there know what receiver (Military or commercial) has a
> 1750KHz IF frequency? I've never seen one. I'm just wondering what
> equipment this TMC unit is designed to work with....

I'm not sure which units had the 1750kc IF but I do remember one of the first "you can have it" acquisitions I received as a new ham some thirty five years ago was a panoramic adaptor with a 1750kc input. Never found the matching receiver. BTW, power supply was 110vac 400 cycles.

Bill K5LLK

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: vancleef@netcom.com (Henry van Cleef)
Subject: Re: Receiver with 1750KHz IF?
Message-ID: <199611281634.JAA02529@netcom16.netcom.com>

As William B. Ross discourses

>
> Dennis Gibbs wrote:
> >
> > Does anyone out there know what receiver (Military or commercial) has a
> > 1750KHz IF frequency? I've never seen one. I'm just wondering what
> > equipment this TMC unit is designed to work with....
>
> I'm not sure which units had the 1750kc IF but I do remember one of the
> first "you can have it" acquisitions I received as a new ham some thirty
> five years ago was a panoramic adaptor with a 1750kc input. Never found
> the matching receiver. BTW, power supply was 110vac 400 cycles.

>
My recollection is that National Co. made, for stock, a series of IF transformers centered on 1750 Kc. Millen always a a 1600 Kc. version of their IF's, and I know that Millen sold these in sufficient quantity to maintain them as stock. I don't know who bought these. Millen was sensitive to the ham radio market, and advertised regularly in "Q-street" as it was termed in-house---dunno if hams call the magazine by this name. Wouldn't be surprised that a lot of it went into dedicated communications systems, both military and commercial.

Where would a 1750 or 1600 Kc. IF be appropriate? In a single conversion receiver, the bandpass is too wide to be "single signal" for CW reception on the HF ham bands. If my memory hasn't dropped a

decimal point, the Millen IF's had a 3db bandpass of about 16 Kc. This would be a good match for NBFM in the region of 10 and 6 meters, giving reasonable image rejection for the front end, and sufficient bandpass for 10 Kc. deviation frequency or so. This fits a lot of police and taxi radios of the fifties, as I recall.

>From a ham's perspective, the value of an IF in this region would be primarily for a dual conversion setup. I recall doing some work with a dual conversion design for a receiver to cover 80-6 meters using 1600 Kc at the front end then going to 455, using Millen's 1956 "miniature" IF's. I've forgotten the details on this, or whether the idea was ever executed in metal. Such a radio could have ended up in QST and the ARRL handbook as a ham construction project, but looking at the ARRL handbooks I have (latest is 1957), the construction projects for receivers there seem to be much simpler than this.

>From an engineer's perspective, I do recall that when we came up with those miniature IF's the focus was on components for transistors. Millen, of course, was not in the receiver market, and had no desire to try to enter it. Studies with the two DFP receivers, which were before my time at Millen, had convinced everyone that Millen could not compete in a price-driven market. While it would have been theoretically possible for hams to do "roll your own" designs of superb receivers using dual conversion, and built around either Millen's or National's component lines, I think very few actually did this.

--

=====
Hank van Cleef
E-mail vancleef@netcom.com or vancleef@tmn.com
=====

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: jproc@bellglobal.com
Subject: Re: Receiver with 1750KHz IF?
Message-ID: <Chameleon.4.01.2.961128103851.jproc@>

>Dennis Gibbs wrote:

>>

>> Does anyone out there know what receiver (Military or commercial) has a
>> 1750KHz IF frequency? I've never seen one. I'm just wondering what
>> equipment this TMC unit is designed to work with....

>

Dennis,

The AN/URR35 may qualify as an answer to your first question. This 200-400 Mhz double conversion AM receiver uses a 1st IF of 18.6 Mhz. The second IF is 1775 khz. It has a panoramic output, but I don't have details on it here at work.

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
HMCS Haida Naval Museum
Toronto, Ontario
'Looking for a 'AN/SRC-501'

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: spr@earthlink.net (Scott Robinson)
Subject: Sand State vibrator substitutes
Message-ID: <v01530501aec128c8ce49@[153.34.197.33]>

Sandy and the rest of the gang,

If what you need is equivalent to a normal car radio vibrator, the following folks sell them for about \$18, I think. AES has 'em as well, presumably the same ones.

Antique Automobile Radio Inc.
700 Tampa Road
Palm Harbor FL 34683

(800) WE FIX AM (933-4926)
or Fax (813) 789-0283

Just don't act like those cell phone guys and forget you're driving as well!

Regards,

Scott Robinson
spr@earthlink.net
"Wait'll he puts on his stereo headphones..."

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: km1h@juno.com
Subject: Sell/Swap/Want/Help
Message-ID: <19961128.140713.9911.3.km1h@juno.com>

That Subject should about cover it.

WANTED:

The large meters for Hickock Tube Tester Model 752A and Hickock KS15560-L1 (Made for Western Electric). The 752A has a National Radio Property tag and will consider selling if I can get the other one working.

Any info on a COLLINS RF Amplifier Unit, Model 648B-1, Part # 777-1215-003. I cant find anything on the Collins Web page.

Coils for a Measurements Corp 59LF grid dip meter. These are the LF/VLF coils. I have the manual with specs and part numbers.

Good general coverage receiver for an OT that wants to get his ticket now that he is retired. Wants to listen to CW, SSB and foreign BC. Willing to spend \$250-300. Maybe an HQ180? Suggestions??

SELL/SWAP:

Meissner EX-Signal Shifter with 160M. Some TVI shielding and a S0-239 coax connector. Cabinet a bit dirty but front panel very nice. There is some slippage in the tuning but the counter is fine. I've had it for 6 years and never plugged it in. I worked WAS and WAC on 15M as a kid with one of these.

Meissner Military Signal Shifter. US Signal Corps Model 02433 Exciter Unit with 5 sets of coils. Dial scale all yellowed but otherwise in decent condx. Had 15 years and never plugged it in.

HP 8690B Sweeper with the 8707A RF Unit Holder. Also most of the plug-ins. Works and was in service until 1994.

Tapetone 2M 417A converter with 20M IF; and the matching 220MHz converter with a 50MHz IF. Both have brand new 417A's installed. Work fine.

Tapetone Model 345 VHF/UHF receiver. A rare bird. It is actually a 6M receiver that takes inputs from outboard converters. 50, 144, 220 430 MHz scales. Kinda dirty and not working.

Boonton 230A Power Amplifier. Amplifies signal generator levels to 5-10W out. 10 to 500MHz in 6 bands. Uses three 2C39A's. Class AB linear operation. National Radio ID tag. Clean and working with manual.

Boonton 170A Q meter 30-200MHz. Clean and working.

GR 1025A Standard Sweep Generator. 400KHz to 230MHz. National Radio ID tag. Very clean and working with manual.

GR 1608A Impedence Bridge. National Radio ID tag. Very clean and working with manual.

Simpson Model 650 Transistor Beta Tester adaptor for the 260 Meter. Looks brand new with manual.

Millen 90661 Grid Dip Meter with LF thru UHF coils. 220KHz thru 300MHz. In original black steel case. Also has a remote pickup cable and probe. General Motors Research Division ID Tag. Spare tube. Works great.

I really dont know what most of this stuff is worth so educate me. And this only about 10% of the stuff here....damn things spawn in the basement, I swear. I can UPS any of it. If anyone has a long list of Millen # you can FAX it to me at 603-635-2943 24hrs if thats easier.

73.....Carl

TONS of James Millen Co parts. Variable caps, coils, forms, chokes, IF cans, wavemeter coils, 807, 829B and other sockets, knobs, binding posts, etc, etc. Mostly inventoried so if you need specific part numbers I can look thru the lists. Most of this stuff is still NIB.

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: "Benjamin D. Hall" <BDHall@GHGCorp.com>
Subject: Shipping Overseas
Message-ID: <329E0B86.4670@GHGCorp.com>

Dear Folks: Just wanted to write and thank everyone for the helpful hints on shipping things overseas. I've been specifically looking to ship a Racal RA6790/GM to Finland, and if you contact UPS to figure out what you need the process is pretty easy. I haven't taken to UPS yet, but will once I get it packed up.

Happy Thanksgiving Everyone!

Thanks once again for all your help, both on this subject and the many

others I have needed help with.

73,

Ben "is my Thanksgiving Lasagna done yet, I'm hungry!" Hall

--

From the computer of	Collector of fine firebottle
Benjamin D. Hall, Houston Texas	equipment, as well as other things
BDHall@GHGCorp.com -or-	involving Earth, Air, Water, and
Benjamin.D.Hall1@JSC.NASA.gov	Fire.

"When you clock the human race with the stopwatch of history, it's a new record every time." - From the soundtrack of The Fischer King.

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: vancleef@netcom.com (Henry van Cleef)
Subject: Squeal stopper resistors (parasitic suppressors)
Message-ID: <199611290341.UAA10039@netcom2.netcom.com>

I mentioned the use of squeal stoppers in a post, and several people have E-mailed me to ask what I am talking about.

The issue is parasitic oscillation suppression. Squeal stoppers are small resistors, typically 22, 33, or 47 ohms, used in grid and plate circuits to prevent oscillation. If you have schematics for the S-40 or the HQ-129X you will see these small resistors in the grid and plate circuits of the RF and converter.

I have here a package of 33 ohm 1/8 watt resistors. When I am working with an old set, I look at the RF amplifier and converter wiring. If there are bus bars connecting the grid and plate circuits to their tuned circuits, I generally replace those bus bars with 33 ohm resistors. If the circuit tries to oscillate at high frequencies (generally much higher than the operating frequency), the resistors will kill circuit Q and damp out the oscillations.

There are a few things to keep in mind. One is that the original designs were built with paper condensers. Compared to mylars, paper condensers are low Q devices---have a fair amount of series resistance, and may have some inductance as well. When you use a mylar replacement, you are using a much higher Q device---lots less series resistance internally. But if you use long leads (i.e., wire the cap at the end points used for the paper cap), you are adding some lead inductance. That may be enough to induce parasitic oscillations in a circuit that was stable using the paper condensers. While I

haven't been "bitten" by this yet---that I know of---I always keep the question open.

Signs of parasitics:

1. Unexplained squeals when tuning across a band.
2. Dead spots on a band.
3. Distorted AM audio.
4. Screen voltage on a tube that has a series screen dropping resistor may fall markedly as you tune across a band.

In this day and age, where there is so much HF RFI around from light dimmers and home entertainment devices, it can be difficult to determine whether you are getting RFI or parasitics. Generally, if the problem doesn't go away when you disconnect the antenna completely, you've got parasitics. Shorting the antenna may help, although it may kill a parasitic in the RF amplifier. Using a wavemeter or a grid dip (use headphones) may help locate a parasitic----fish around for RF energy at higher frequencies, and listen for squeals. You should detect the local oscillator and nothing else inside the set.

Diagnosing and eliminating a parasitic is a real pain in the neck. You are stuck fishing around for the problem, and for an effective cure. A hand near the offending circuit may damp the oscillation. You can use a .01 cap on a clip lead and probe around, although this will kill signal also in many places. Scoping a circuit may show the parasitic, or the probe may kill it. You have to devise methods for detecting the parasitic and finding place to put Q killers that will kill it without killing the signal, and "you're on you own" with this. In some cases, it takes a lot more than 33 ohms in a grid circuit to kill a parasitic. Look for long leads and lead routing as causes. One notorious parasitic cause is the use of Radio Frequency Chokes to provide current to a shunt-fed tuned circuit----a very common configuration in RF buffer amplifiers. In this case, you'll need 1 or 2 watt resistors because of the energy involved.

Neutralization is another parasitic suppression method. Conventional wisdom is that triode power amplifiers need to be neutralized unless they operate as doublers or triplers. However, there are cases where tetrodes and pentodes need neutralization, and the popular 6A7/8 and 6K8 need some coupling between the oscillator and signal grids as neutralization on higher HF.

The original set designer was faced with assuring that the design was parasitic-stable in series production. This is one reason that store-bought receivers were popular. Bill Halligan lived very well on providing complete sets that cost less than the same components bought in small quantities, professionally (and very competently) engineered

and tested to work reliably. Whatever can be said about the S-40 and SX-43 being real sleaze boxes, you can't fault Hallicrafters paper designs for very much. Some of the other manufacturers didn't go as far, and you can walk right into trouble, using modern components to replace the antique components.

If you are going to re-cap an old radio, pay some attention to what the bypasses are supposed to do. They provide AC ground between tube elements (usually screen and cathode) and some other point. Generally, the point is the cathode B- DC point, although some screens should be bypassed to the cathode itself. The original sets often had bypasses run some distance away, but the much smaller mylars generally allow wiring directly to the DC point. Spending some time looking over the circuit and doing your work to meet circuit objectives will save you long hours of searching for parasitics. Best place to deal with the question is to stop it before it starts.

--

=====

Hank van Cleef

E-mail vancleef@netcom.com or vancleef@tmn.com

=====

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: "Joseph W. Pinner" <kc5ijd@net-connect.net>
Subject: Stuff for sale
Message-ID: <199611281548.JAA29812@dns1.net-connect.net>

Have the following that I need to part with (to make room for some coming items):

I do not like the "make me an offer" posts, but I am going to offer these items on that basis. Sorry about that. You pay shipping.

Heath Sixer - with mods, including the common meter on front panel. No mike.

R-109/GR mil set - 1950s vintage lo band VHF FM receiver. Used with RT-67/GR, RT-70/GR, etc.

Gonset G-76 - in pretty good shape. I never acquired the power supply for this, so I never had it running (or not running).

RT-761/ARC-58 - Collins airborne HF receiver-exciter. Still in mil pack.

GRR-24 - synthesized 225-400 Mc AM mil aero receiver. You can code in one

frequency.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@net-connect.net

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: "Gary H. Harmon, Jr." <gharmon@txdirect.net>
Subject: Sunday Livermore
Message-ID: <199611281937.NAA06854@legend.txdirect.net>

Anyone going to Livermore Sunday that would be willing to try and pick up a small piece of Heathkit equipment from Eugene Rippen and send it to me?

Thanks in advance and 73,
gary

```
*****
*T00 many projects, NOT enough time!!*
*                                     *
*   Gary H. Harmon, Jr., K5JWK       *
*   6302 Robin Forest                *
*   San Antonio, TX 78239-3218       *
*   (210) 657-1549                  *
*   gharmon@txdirect.net             *
*                                     *
* Pack Unto Others As You Would Have *
*   Them Pack Unto You               *
*****
```

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: SX-88 and then some
Message-ID: <UPMAIL03.199611280003160057@msn.com>

Gang, I know i' ve never had the experience of having a SX-88, but the BIG SX-101MKIII and the SX-101A should be considered as a nice receiver. I know for a fact that my guy will stay on freq and not drift after 10 minutes of power up. Selectivity is great, and it isn't hard to tune SSB. Unfortunately the weight and size is the killer, but then what was the weight and size of the SX-88, probably close. So I think still that the difference in the new asking prices is because of total manufactured units

only. Maybe iam wrong, I have been many times before.
Long live the SX-88 and all good Hallicrafter products.
Your Friend Al
fritsche@msn.com

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: SX-88 PRICES
Message-ID: <9611271900.aa24278@pcusa01.ecunet.org>

I think that high price of Halli SX-88 is strictly due to scarcity not performance. I suspect it was at least adequate for its day (1954) but I think Halli double conversion radios with 50 kHz 2nd IF that followed had better performance, e.g. S-76, SX-96, -100, -101, -101A, -111, -115, -122.

Any receiver without a product detector will be somewhat crippled to receive SSB well. Gobs of BFO injection is not the way to go.

I will not pay for scarcity, only performance. Scarcity does not tune in or transmit anything on the bands.

-John Sehring (11/26/96 7:06 pm MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: Thanksgiving
Message-ID: <19961128.052129.4407.6.k7yha@juno.com>

Howdy:

Here's wishing you and yours a very Happy Thanksgiving.

73 rich K7SZ (FINALLY!!)

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: WPUL1130@CONCENTRIC.NET (LLOYD A. SCOTT, JR.)
Subject: Thanksgiving
Message-ID: <329d8c50.3115448@SMTP.CRIS.COM>

Hi Gang: Happy Thanksgiving to all and many thanks for the help in the past. If any one has E-Mail for me, I am flying to Austin Tx for thanksgiving and will return to Fla Sunday evening. I will answer all mail then.

73's
Lloyd Scott

"Where Destructive Maintenance Is Our Most Important Product"

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: "F r6fqHo!ht" <75121.100@CompuServe.COM>
Subject: Tubes FS
Message-ID: <961128114040_75121.100_IHV41-1@CompuServe.COM>

Gang, I still have some tubes left that I would like to sell. They are New in Box, tested as good on the TV-7 D/U and are as follows:

7360	\$19.00 ea	
5691	\$19.00 ea	Cetron
6L6 WGB	\$14.00 ea	GE
6V6 GT/WGT	\$ 8.00 ea	GE
5AR4/GZ34	\$29.00 ea	GE, Dumont, Mullard
6CA7	\$23.00 ea	European tubes, (Germany I think? IEC?)
807/5933	\$ 8.00 ea	Sylvania
829B/3E29	\$12.00 ea	RCA
5R4 WGB	\$ 4.00 ea	Cetron
5U4 G/GB	\$ 8.00 ea	

I also have the following NUVISTORS

NUVISTORS

6CW4 & 4A28	ea	\$ 9.00 ea	
7119/E182CC	4 ea	\$ 9.00 ea	
7586	1 ea	\$19.00 ea	Med Mu Triode
7587	1 ea	\$24.00 ea	Tetrode
7895	8 ea	\$ 8.00 ea	Hi Mu Triode
8393	10 ea	\$ 9.00 ea	Med Mu Triode
8627	9 ea	\$19.00 ea	

As an incentive, orders over \$50.00 shipping included. Orders over \$100 are discounted an additional 7%

Send E-mail with orders and questions.

Regards from Hawaii,
Raymond J. Cote

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: Mort Denison <mdenison@postoffice.ptd.net>
Subject: Tubes to trade

Message-ID: <329CFA55.7EAA@postoffice.ptd.net>

I have the following NIB tubes:

QTY	Tube
---	----
10	6AQ5A (6 are Realistic Lifetime)
3	12AU7A
1	6146A (RCA)
1	6802 (Sylvania)

I need the following tubes:

QTY	Tube
---	----
1	5U4GB
4	6AH6
1	6AU5GT
1	6BA7
4	6BA8A
1	6BK7B
1	6BN8
1	6LF6
5	5651A
8	5814A
6	6360

If you have any or all of these and need what I have, let me know.

Thanks
Mort Denison

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: VIBRATOR SUBS
Message-ID: <9611271921.aa11185@pcusa01.ecunet.org>

Commercial ss vibrator subs are available from somewhere. Old-auto buffs use 'em in their car radios. They are not cheap, about \$30 a pop I recall. Try J.C. Whitney?

A guy in town here may have one. If you get stuck, let me know by direct email & I'll get the co. name off of it.

-John Sehring (11/27/96 4:43 pm MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: "E. V. Sandy Blaize, W5TVW" <ebjr@worldnet.att.net>
Subject: Re: VIBRATOR SUBS
Message-ID: <19961128041106.AAC12111@LOCALNAME>

At 01:34 AM 11/28/96 +0000, you wrote:

>Commercial ss vibrator subs are available from somewhere. Old-auto buffs
>use 'em in their car radios. They are not cheap, about \$30 a pop I recall.
>Try J.C. Whitney?
>
>A guy in town here may have one. If you get stuck, let me know by direct
>email & I'll get the co. name off of it.
>
> -John Sehring (11/27/96 4:43 pm MT @Baker, Montana) UCC wb2eqg
>

Most of the "vibrator substitutes" you see marketed are only good for low power receiver supplies. Many do not even have the transistors on a heat sink other than a thin piece of aluminium. These would probably "work" in the supply, but not for very long! The supply draws about 10-12 amps for the B+ part of the supply plus the power required for the filaments of the transmitter. Most of the "subs" are designed for 2-3 amps or so.

Something will turn up. There has been articles back in the 60's and 70's about this, it's just a matter of time before I find the info on "roll your own" vibrator subs.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: Merv Schweigert <k9fd@htc.net>
Subject: Wanted
Message-ID: <9611282118.AA32345@ns.htc.net>

I have a Heathkit DF-2 marine radio/direction finder.
Looking for the antenna or info on the antenna to
make one. Have the schematic, but no ant info.
Any one have one of these radios ?? Or may be
interested in buying the whole unit working or not
for the antenna. Thanks 73 Merv

//////\
(# #)

-----o00-()-00o-----
:
: Merv Schweigert K9FD Collector of Keys, "Bugs", :
: 9694 S. Prairie Road Paddles, Code related gear :
: Red Bud IL 62278 Crystals and Old Heathkits :
: E-Mail k9fd@htc.net Old National HRO NC101 Etc :
: Ph. 618-282-3953 Always looking please call :

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: k0az@i1.net (MIKE SANDERS)
Subject: Wanted HRO50 A coil
Message-ID: <199611281623.KAA14886@mail1.i1.net>

Greetings to all this fine Thanksgiving Day,
I am still looking for an A coil for my HRO50T1. Any help, leads etc
appreciated.

Now turn up your soundblaster cards and listen carefully.

HAPPY BIRD DAY TO YOU.....

HAPPY BIRD DAY TO YOU.....

HAPPY BIRD DAY...HAPPY BIRD DAY.....

HAPPY... BIRD.... DAY... T0000000 Y00000UUUUU.....

And you didn't even know I could sing did ya!

73,

K0AZ .

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: john <johnmb@pop.mindspring.com>
Subject: Wanted:, and anyone on the 3579 QRG tonite?
Message-ID: <199611282138.VAA08500@mule1.mindspring.com>

BA Friends,
I'm looking for the following:

Johnson Viking II CD (any condition)

Transmitters from obscure builders of the 40-60's
(Krag, Electro-Mechanical, Eldico, Eby, Elenco, Utah, etc)

A commercial transmitter from the 30s (Gross, RCA, Harvey, Bud)

The Apache and Mohawk are warming up in the next room...
anyone going to be on the BA 80m freq tonite?
Best 73
/John

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+-----+
              John Brewer              johnmb@mindspring.com
              WB50AU/4                 AMI #24
Vintage Gear web page: http://www.mindspring.com/~johnmb
+-----+
```

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996
From: arc5@ix.netcom.com (David Stinson)
Subject: Wireless #19 Cable For Trade
Message-ID: <199611282016.MAA01406@dfw-ix6.ix.netcom.com>

For Trade:
Wireless Set #19 12-pin to 6-pin Dogbone Cable.
Excellent condition.

Want:
Two PL-59 BC-375/191 High Voltage connectors.

Dave AB5S
arc5@ix.netcom.com

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996
From: DEE ALMQUIST <SOUNDNMIND@rica.net>
Subject: WT HAMMER CLOCKS
Message-ID: <19961128160418843.AAA386@har-dialin-65.rica.net>

Hello BA'ites

I am collecting, looking for Hammarlund clocks and pieces. Will be willing to take ANY partial assemblies or whole clocks, hopefully some that are working, in trade for cash or tubes. Am also looking for the lenses for same.

Thanks

Dee, W4PNT

Dee Almquist

534 West Main St.

Waynesboro, VA. 22980

Ph: (540) 249-3161

fax: (540) 249-5064

From boatanchors@theporch.com Thu Nov 28 21:49:23 1996

From: w4bld@juno.com (Robert B. Kerby)

Subject: WTB Lysco Single-Band Xmtrs

Message-ID: <19961128.181337.4951.4.W4BLD@juno.com>

Hello from Virginia - I am about to start a Lysco collection and am interested in finding some of the old single-band mobile transmitters. (I have a 600 without the modulator built in, but it has been changed from its original cabinet to a rack . I have the cabinet, but the front panel is gone. It does, however, work.) I think there was also a single-band VFO made for each transmitter. Anyone out there in BA land got any of these units? I used to run one on the 10-meter units with a Regency Converter in a 1959 car. Thanks for reading this message and for looking through your junque. Bob

Robert B. Kerby W4BLD - I collect Gonset, Morrow, and Elmac
-and LYSCO

Post Office Box 991 (UPS ADDRESS: 231 Rosser Avenue)

Waynesboro, VA 22980 w4bld@juno.com (540) 942-4356 Nets I frequent
are:

DX-60 AM Net at 1400 EST Sun. p.m. on 7290; Trader's on Wed. and Sat on
3865 at

2000 EST and AM SWAP on 3885 at 1830 EST on Thur.

From boatanchors@theporch.com Thu Nov 28 13:49:50 1996

From: w4bld@juno.com (Robert B. Kerby)

Subject: WTB PMR-7 Pot

Message-ID: <19961128.083259.4951.0.W4BLD@juno.com>

Hello Gang - I am in need of a part from an Elmac PMR-7: The on/off - Volume/RF sensitivity control. I would be glad to buy a parts unit or the control. If you can help me finish this project, please e-mail me. I

suspect the same control is found in the PMR-8, but I haven't checked the schematic to make absolutely sure. THANKS- Bob

Robert B. Kerby W4BLD - I collect Gonset, Morrow, and Elmac -
Post Office Box 991 (UPS ADDRESS: 231 Rosser Avenue)
Waynesboro, VA 22980 w4bld@juno.com (540) 942-4356 Nets I frequent
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DX-60 AM Net at 1400 EST Sun. p.m. on 7290; Trader's on Wed. and Sat on
3865 at
2000 EST and AM SWAP on 3885 at 1830 EST on Thur.

From boatanchors@theporch.com Thu Nov 28 01:25:46 1996
From: "D. Campbell" <dcampbel@lon.hookup.net>
Subject: WTB: SX-25 Audio Transformer
Message-ID: <1.5.4.16.19961127211104.1a5fb4fc@mail.lon.hookup.net>

Recently found a Halicrafters SX-25. Looked good until I got it home and discovered the power and audio transformer had been replaced. The power transformer should be OK, but the cheap multipurpose audio has to go! If anyone has a junker and can part out the audio, would be a big help. Thanks, Dave

Dave Campbell
VE3ZZY
dcampbel@lon.hookup.net